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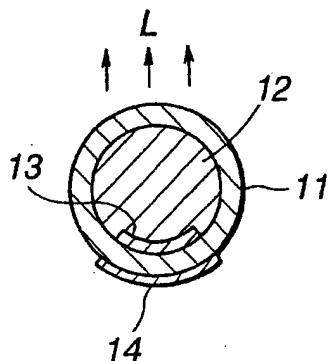
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(54) Optical transmission tube, method for making it and linear illuminant system

(57) In an optical transmission tube (1) comprising a tubular cladding (11) and a core (12) within the cladding having a higher index of refraction than the cladding, a strip-shaped reflecting layer (13) is longitudinally extended between the cladding and the core. Light passing through the core is reflected and scattered by the reflecting layer to emerge from the tube through an area of the outer surface of the cladding opposed to the reflecting layer. The optical transmission tube is prepared by extruding the core, the reflecting layer and a tubular cladding.

FIG.2





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EUROPEAN SEARCH REPORT

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A	* column 1, line 50 - column 3, line 16; figures 1-3 *	2-5	B29D11/00 G02B6/42 B29C47/06
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			G02B F21V B29D B29C
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
MUNICH	15 May 2002	Wahl, M	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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